EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S63	0	(simultaneous$3 or concurrent$4) with recontruct$3 same (acquir$4 or captur$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/12 16:21
S64	0	(simultaneous$3 or concurrent$4 or realtime) with recontruct$3 same (acquir$4 or captur$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/09 14:11
S65	2	Shanmugam-Venkatesan.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/09 14:11
S66	997465	+	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/07/12 14:23
S67	0	(recontruct$3 or contruct$3) with PET same (acquir$4 or captur$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/12 15:31
S68	2534	PET same (acquir$4 or captur$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/11 16:55
S69	164	(reconstruct$3 or construct$3) with PET same (acquir$4 or captur$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/11 19:21
S70	56	dynamic near PET	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/11 19:22

SCI TECH AND MEDICAL FILES

File   2:INSPEC 1898-2007/Jul W1
    (c) 2007 Institution of Electrical Engineers
File   6:NTIS 1964-2007/Jul W4
    (c) 2007 NTIS, Intl Cpyrght All Rights Res
File   8:Ei Compendex(R) 1884-2007/Jul W2
    (c) 2007 Elsevier Eng. Info. Inc.
File 34:SciSearch(R) Cited Ref Sci 1990-2007/Jul W3
    (c) 2007 The Thomson Corp
File 35:Dissertation Abs Online 1861-2007/Jun
    (c) 2007 ProQuest Info&Learning
File 56:Computer and Information Systems Abstracts 1966-2007/Jul
    (c) 2007 CSA.
File 57:Electronics & Communications Abstracts 1966-2007/Jul
    (c) 2007 CSA.
File 65:Inside Conferences 1993-2007/Jul 16
    (c) 2007 BLDSC all rts. reserv.
File 95:TEME-Technology & Management 1989-2007/Jul W3
    (c) 2007 FIZ TECHNIK
File 99:Wilson Appl. Sci & Tech Abs 1983-2007/Jun
    (c) 2007 The HW Wilson Co.
File 144:Pascal 1973-2007/Jul W2
    (c) 2007 INIST/CNRS
File 239:Mathsci 1940-2007/Aug
    (c) 2007 American Mathematical Society.
File 256:TecInfoSource 82-2007/Jul
    (c) 2007 Info.Sources Inc
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
    (c) 2006 The Thomson Corp
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
    (c) 2002 The Gale Group
File 603:Newspaper Abstracts 1984-1988
    (c)2001 ProQuest Info&Learning
File 483:Newspaper Abs Daily 1986-2007/Jul 15
    (c) 2007 ProQuest Info&Learning
File 248:PIRA 1975-2007/Jun W3
    (c) 2007 Pira International
File   5:Biosis Previews(R) 1926-2007/Jul W2
    (c) 2007 The Thomson Corporation
File 73:EMBASE 1974-2007/Jul 10
    (c) 2007 Elsevier B.V.
File 155:MEDLINE(R) 1950-2007/Jul 13
    (c) format only 2007 Dialog
File 172:EMBASE Alert 2007/Jul 09
    (c) 2007 Elsevier B.V.
File 188:Health Devices Sourcebook 2007
    ECRI (A nonprofit agency)
File 198:Health Devices Alerts(R) 1977-2007/May W3
    (c) 2007 ECRI-nonprft agncy

Set   Items   Description
S1   200287 (PET OR POSITRON()EMISSION()TOMOGRAPH? OR CT OR COMPUTED()-
        TOMOGRAPH?)(3N)(SCAN OR SCANS OR SCANNING)
S2   4690273 . IMAGE?? OR PICTURE? OR PHOTOGRAPH?? OR PHOTOS OR GRAPHIC?

S3   110814 S2(3N)(GENERATE?? OR GENERATING OR CREAT? OR RENDER OR PRO-
        DUCE OR PRODUCES OR PRODUCING)
S4   173423 S2(3N)(CONSTRUCT? OR RECONSTRUCT?)
S5   37977 S2(3N)(COMBINE?? OR COMBINATION OR COMBINING OR MERGE OR M-
        ERGING OR JOIN OR JOINS OR JOINING)
S6   1247467 3()(D OR DIMENSIONAL) OR THREE()DIMENSIONAL?
S7   1328990 2()(D OR DIMENSIONAL) OR TWO()DIMENSIONAL?
S8   33151 (S6 OR S7)(3N)(GENERATE?? OR GENERATING OR CREAT? OR RENDER
        OR PRODUCE OR PRODUCES OR PRODUCING)
S9   2069148 SIMULTAN? OR SAME()TIME
S10 1137825 COUPLING
S11   15587 (S9 OR S10)(3N)(COMBINE?? OR COMBINATION OR COMBINING OR M-
        ERGE OR MERGING OR JOIN OR JOINS OR JOINING)
S12   1357 (STRUCTURAL AND FUNCTIONAL)(3N)(IMAGE?? OR PICTURE? OR PHO-
        TOGRAPH?? OR PHOTOS OR GRAPHIC?)
S13   2304 AU=(SHANMUGAM, V? OR SHANMUGAM V? OR HUSSAINI, M? OR HUSSA-
        INI M? OR WOLLENWEBER, S? OR WOLLENWEBER S? OR BONNER, M? OR -
        BONNER M? OR VENKATESAN(2N)SHANMUGAM OR MOHAMMED(2N)HUSSAINI -
        OR SCOTT(2N)WOLLENWEBER OR MICHAEL(2N)BONNER)
S14   4829 S1 AND (S3:S5)
S15   269 S14 AND S8
S16   4 S15 AND S11
S17   1 RD (unique items)
S18   11 S15 AND S9
S19   10 S18 NOT S17
S20   10 S19 NOT PY2003
S21   4 RD (unique items)
S22   13 S13 AND S1
S23   11 S22 NOT PY>2003
S24   3 RD (unique items)
?

17/3,K/1   (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

07151586 Genuine Article#: 129RN No. References: 29
Title: Treatment planning for sinus lift augmentations through use of
    3-dimensional milled models derived from computed tomography scans -
    A report of 3 cases
Author(s): Gaggl A (REPRINT) ; Schultes G; Santler G; Karcher H
Corporate Source: GRAZ UNIV,KLIN ZMK, KLIN ABT MUND KIEFER &
    BESICHTSHIRURG, AUENBRUGGERPL 7/A-8036 GRAZ//AUSTRIA/ (REPRINT); UNIV
    GRAZ HOSP,DEPT ORAL & MAXILLOFACIAL SURG/GRAZ//AUSTRIA/

...Title: for sinus lift augmentations through use of 3-dimensional milled
    models derived from computed tomography scans - A report of 3 cases
?

21/3,K/1   (Item 1 from file: 2)

05465804   INSPEC Abstract Number: A9319-8770E-003, C9310-7330-008
  Title: **Three-dimensional helical-** scan   computed   tomography **using**
cone-beam projections
  Author(s): Kudo, H.; Saito, T.
  Author Affiliation: Fac. of Eng., Tohoku Univ., Sendai, Japan
  Journal: Systems and Computers in Japan   vol.23, no.12   p.75-82
  Publication Date: 1992 Country of Publication: USA
  CODEN: SCJAEP ISSN: 0882-1666
  U.S. Copyright Clearance Center Code: 0882-1666/92/0012-0075
  Language: English
  Subfile: A C

  Title: **Three-dimensional helical-** scan   computed   tomography **using**
cone-beam projections
  Abstract: Proposes an **image   reconstruction** method and computed
tomography (CT) equipment with high resolving power that **generates   three**
- dimensional   CT   images at a high speed. In the proposed method, an
X-ray source that irradiates conical...

... detector arrays stacked in the direction of the object's axis rotate
continuously at the **same   time** the bed carrying the object translates in
the visual field. This method is called a...
  ...Descriptors: **image . reconstruction**
  ...Identifiers: **image   reconstruction** ;

21/3,K/2   (Item 1 from file: 34)

11060069 Genuine Article#: 598ZV No. References: 11
Title: **Three-dimensional contrast medium-enhanced computed tomographic**
    cisternography for preoperative evaluation of surgical anatomy of
    intradural paraclinoid aneurysms of the internal carotid artery:
    Technical note
Author(s): Ito K; Hongo K (REPRINT) ; Kakizawa Y; Kobayashi S
Corporate Source: Shinshu Univ,Sch Med, Dept Neurosurg,3-1-1
    Asahi/Matsumoto/Nagano 3908621/Japan/ (REPRINT); Shinshu Univ,Sch Med,
    Dept Neurosurg,Matsumoto/Nagano 3908621/Japan/
Journal: NEUROSURGERY, 2002, V51, N4 (OCT), P1089-1092
ISSN: 0148-396X Publication date: 20021000
Publisher: LIPPINCOTT WILLIAMS & WILKINS, 530 WALNUT ST, PHILADELPHIA, PA
    19106-3621 USA
Language: English Document Type: EDITORIAL MATERIAL (ABSTRACT AVAILABLE
)

...Abstract: such as the optic nerve and anterior clinoid process. We
    report a new, method for " **simultaneously** " describing the
    interrelationships among the aneurysm, internal carotid artery, optic
    nerve, and bony structures with...
...Schering, Berlin, Germarny) (240 mg l/ml) was administered into the

lumbar intrathecal space. A **computed tomographic scan** of the head
was obtained 2, hours later with a multislice Asteion computed
tomographic scanner (Toshiba, Inc., Tokyo, Japan). An Alatoview
workstation (Silicon Graphics, Mountain View, CA) was used to
reconstruct the three-dimensional **images** .

RESULTS: These **images** , as **generated** by to by **3 - D** CMECT
cisternography, were found to accurately demonstrate the
interrelationships of the internal carotid artery, aneurysm...

21/3,K/3   (Item 1 from file: 144)
DIALOG(R)File 144:Pascal
(c) 2007 INIST/CNRS. All rts. reserv.

15818793   PASCAL No.: 02-0535920
Three-dimensional contrast medium-enhanced computed tomographic
cisternography for preoperative evaluation of surgical anatomy of
intradural paraclinoid aneurysms of the internal carotid artery: Technical
note. Commentaries
ITO Kiyoshi; HONGO Kazuhiro; KAKIZAWA Yukinari; KOBAYASHI Shigeaki;
PARTOVI Shahram comment; SPETZLER Robert F comment; BARROW Daniel L comment
; AWAD Issam A comment; ZEE Chi-Shing comment
Department of Neurosurgery, Shinshu University School of Medicine,
Matsumoto, Japan
Journal: Neurosurgery, 2002, 51 (4) 1089-1093
Language: English

... such as the optic nerve and anterior clinoid process. We report a new
method for " **simultaneously** " describing the intecrelationships among the
aneurysm, internal carotid artery, optic nerve, and bony structures with...

... Schering, Berlin, Germany) (240 mg l/ml) was administered into the
lumbar intrathecal spate. A **computed tomographic scan** of the head was
obtained 2 hours later with a multislice Asteiun computed tomographic
scanner (Toshiba, Inc., Tokyo, Japan). An Alatoview workstation (Silicon
Graphics, Mountain View, CA) was used to **reconstruct** the
three-dimensional **images** , RESULTS: These **images** , as **generated** by **3 -**
D CMECT cistemography, were found to accurately demonstrate the
interrelationships of the internal carotid artery, aneurysm...

21/3,K/4   (Item 2 from file: 144)
DIALOG(R)File 144:Pascal
(c) 2007 INIST/CNRS. All rts. reserv.

13786249   PASCAL No.: 98-0500231
Treatment planning for sinus lift augmentations through use of
3-dimensional milled models derived from computed tomography scans : A
report of 3 cases
GAGGL A; SCHULTES G; SANTLER G; KAERCHER H
University Hospital Graz, Austria
Journal: Oral surgery, oral medicine, oral pathology, oral radiology, and
endodontics, 1998, 86 (4) 388-392

Treatment planning for sinus lift augmentations through use of
3-dimensional milled models derived from computed tomography scans : A
report of 3 cases
Objective. **Three - dimensional** models **created** by milling machines and
stereolithography on the basis of 3-dimensional **computed tomography**
scans have become essential in the diagnosis and therapy planning of oral
and maxillofacial disorders. The...

...study, based on 3 clinical cases, was to examine the advantages of using
3-dimensional **computed tomography** scans and 3-dimensional milling
models of the maxillary sinus before operative sinus elevation and of...

... 3-dimensional models. Report Design. Three patients with atrophy of the
maxillary alveolar ridge received **computed tomography scans** before
operative sinus elevation with iliac bone transplants and **simultaneous**
dental implantation. These computed tomography data were used to **create**
3 - dimensional graphic and plastic **reconstructions** of the maxillary
sinuses. Results. The 3-dimensional milling models enabled the development
of an...

... treatment layout have become an acknowledged method of operative
maxillary sinus floor augmentation combined with **simultaneous** dental
implantation in the upper jaw in difficult cases of sinus lift operations.
As far...
?
24/3,K/1   (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2007 Institution of Electrical Engineers. All rts. reserv.

06041111 INSPEC Abstract Number: A9519-2925-023, B9510-7410D-008
  Title: **Vanadium-48: a renewable source for transmission** scanning with
PET
  Author(s): Hichwa, R.D.; Kadrmas, D.; Watkins, G.L.; **Wollenweber, S.D.** ;
Maniam, S.; Ponto, L.L.B.; Richmond, J.C.W.; Koeppel, J.A.
  Author Affiliation: Dept. of Radiol., Iowa Univ., Iowa City, IA, USA
  Journal: Nuclear Instruments & Methods in Physics Research, Section B
(Beam Interactions with Materials and Atoms) Conference Title: Nucl.
Instrum. Methods Phys. Res. B, Beam Interact. Mater. At. (Netherlands)
vol.B99, no.1-4   p.804-6
  Publication Date: May 1995 Country of Publication: Netherlands
  CODEN: NIMBEU ISSN: 0168-583X
  U.S. Copyright Clearance Center Code: 0168-583X/95/$09.50
  Conference Title: Application of Accelerators in Research and Industry
'94. Thirteenth International Conference
  Conference Sponsor: U.S. Dept. Energy; Nat. Sci. Found.; UNT
  Conference Date: 7-10 Nov. 1994   Conference Location: Denton, TX, USA
  Language: English
  Subfile: A B
  Copyright 1995, FIZ Karlsruhe
  Title: **Vanadium-48: a renewable source for transmission** scanning with
PET
  Author(s): Hichwa, R.D.; Kadrmas, D.; Watkins, G.L.; **Wollenweber, S.D.** ;

Maniam, S.; Ponto, L.L.B.; Richmond, J.C.W.; Koeppel, J.A.
...Abstract: 98 d) has been investigated as an alternative to /sup 68/Ge
for routine transmission **scanning** in **PET** . A target system has been
developed to produce nearly homogeneous (+/-10%) sources of 1 mCi...

...2/=422 ms) impurities are allowed to decay prior to utilizing the source
for routine **PET** transmission scanning . Ti tubes are reused to produce
new sources each week.

24/3,K/2   (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2007 The Thomson Corp. All rts. reserv.

05762030 Genuine Article#: WW297 No. References: 25
Title: CT in simple partial seizures in children: A clinical and computed
   tomography study
Author(s): Nair KPS; Jayakumar PN; Taly AB (REPRINT) ; Arunodya GR; Swamy
   HS; **Shanmugam V**
Corporate Source: NATL INST MENTAL HLTH & NEUROSCI,DEPT NEUROL, HOSUR
   RD/BANGALORE 560029/KARNATAKA/INDIA/ (REPRINT); NATL INST MENTAL HLTH &
   NEUROSCI,DEPT NEUROL/BANGALORE 560029/KARNATAKA/INDIA/; NATL INST
   MENTAL HLTH & NEUROSCI,DEPT NEURORADIOL/BANGALORE
   560029/KARNATAKA/INDIA/; NATL INST MENTAL HLTH & NEUROSCI,DEPT
   BIOSTAT/BANGALORE 560029/KARNATAKA/INDIA/
Journal: ACTA NEUROLOGICA SCANDINAVICA, 1997, V95, N4 (APR), P197-200
ISSN: 0001-6314 Publication date: 19970400
Publisher: MUNKSGAARD INT PUBL LTD, 35 NORRE SOGADE, PO BOX 2148, DK-1016
   COPENHAGEN, DENMARK
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

Author(s): Nair KPS; Jayakumar PN; Taly AB (REPRINT) ; Arunodya GR; Swamy
   HS; **Shanmugam V**
...Abstract: clinical features of children with and without focal brain
   lesions in CT. Patients and methods **CT** **scans** of all patients aged
   15 years or younger with SPS, seen over a period of...

24/3,K/3   (Item 1 from file: 5)
DIALOG(R)File   5:Biosis Previews(R)
(c) 2007 The Thomson Corporation. All rts. reserv.

09702810 BIOSIS NO.: 198988017925
MULTI-INFARCT DEMENTIA A COMPUTED TOMOGRAPHIC STUDY
AUTHOR: JAYAKUMAR P N (Reprint); TALY A B; **SHANMUGAM V** ; NAGARAJA D; ARYA
   B Y T
AUTHOR ADDRESS: NIMHANS, BANGALORE-560 029, INDIA**INDIA
JOURNAL: Acta Neurologica Scandinavica 79 (4): p292-295 1989
ISSN: 0001-6314
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

...AUTHOR: **SHANMUGAM V**

ABSTRACT: **CT** **Scan** of 30 patients with multi-infarct dementia (MID) were

PATENT FILES

File 344:Chinese Patents Abs Jan 1985-2006/Jan
    (c) 2006 European Patent Office
File 347:JAPIO Dec 1976-2007/Dec(Updated 070702)
    (c) 2007 JPO & JAPIO
File 350:Derwent WPIX 1963-2007/UD=200744
    (c) 2007 The Thomson Corporation
File 371:French Patents 1961-2002/BOPI 200209
    (c) 2002 INPI. All rts. reserv.
File 324:German Patents Fulltext 1967-200726
    (c) 2007 Univentio
File 348:EUROPEAN PATENTS 1978-2007/ 200728
    (c) 2007 European Patent Office
File 349:PCT FULLTEXT 1979-2007/UB=20070712UT=20070705
    (c) 2007 WIPO/Thomson

Set	Items	Description
S1	8571	(PET OR POSITRON()EMISSION()TOMOGRAPH? OR CT OR COMPUTED()-TOMOGRAPH?)(3N)(SCAN OR SCANS OR SCANNING)
S2	3234245	IMAGE?? OR PICTURE? OR PHOTOGRAPH?? OR PHOTOS OR GRAPHIC?
S3	277343	S2(3N)(GENERATE?? OR GENERATING OR CREAT? OR RENDER OR PRODUCE OR PRODUCES OR PRODUCING)
S4	44057	S2(3N)(CONSTRUCT? OR RECONSTRUCT?)
S5	53887	S2(3N)(COMBINE?? OR COMBINATION OR COMBINING OR MERGE OR MERGING OR JOIN OR JOINS OR JOINING)
S6	463677	3()(D OR DIMENSIONAL) OR THREE()DIMENSIONAL?
S7	381623	2()(D OR DIMENSIONAL) OR TWO()DIMENSIONAL?
S8	37771	(S6 OR S7)(3N)(GENERATE?? OR GENERATING OR CREAT? OR RENDER OR PRODUCE OR PRODUCES OR PRODUCING)
S9	2514495	SIMULTAN? OR SAME()TIME
S10	986968	COUPLING
S11	32209	(S9 OR S10)(3N)(COMBINE?? OR COMBINATION OR COMBINING OR MERGE OR MERGING OR JOIN OR JOINS OR JOINING)
S12	2110	(STRUCTURAL AND FUNCTIONAL)(3N)(IMAGE?? OR PICTURE? OR PHOTOGRAPH?? OR PHOTOS OR GRAPHIC?)
S13	157	AU=(SHANMUGAM, V? OR SHANMUGAM V? OR HUSSAINI, M? OR HUSSAINI M? OR WOLLENWEBER, S? OR WOLLENWEBER S? OR BONNER, M? OR BONNER M? OR VENKATESAN(2N)SHANMUGAM OR MOHAMMED(2N)HUSSAINI OR SCOTT(2N)WOLLENWEBER OR MICHAEL(2N)BONNER)
S14	519	S1(10N)(S3:S5)
S15	49	S14(10N)S8
S16	5	S14(10N)S9
S17	0	(S15 OR S16)(10N)S11
S18	0	(S15 OR S16)(10N)S11
S19	53	S15 OR S16
S20	2	S19 AND IC=G06K?
S21	0	S19(10N)S12
S22	8	S1(10N)S12
S23	0	S22(10N)(S6 OR S7)
S24	8	S22 NOT S20
S25	0	S24 AND IC=G06K?

S26 0 S13(10N)S1
S27 6 S13 AND S1
S28 1 S27 AND IC=G06K?
S29 4 S19 AND S12
?

YOUR CASE

20/3,K/1   **(Item 1 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
(c) 2007 The Thomson Corporation. All rts. reserv.

0015126657 - Drawing available
WPI ACC NO: 2005-476189/200548
XRPX Acc No: N2005-387447
**Scanning procedure executing method for use in e.g. hospital, involves
reconstructing portion of position emission tomography image for current
frame by overlapping portion of frame with adjacent frame**
Patent Assignee: GE MEDICAL SYSTEMS GLOBAL TECHNOLOGY CO (GENE)
Inventor: BONNER M G; HUSSAINI M M; SHANMUGAM V; WOLLENWEBER S D
Patent Family (2 patents, 2 countries)
Patent   Application
Number   Kind Date Number   Kind Date   Update
US 20050129295 A1 20050616 US 2003735714. A 20031216 200548 B
JP 2005193018   A   20050721 JP 2004363173   A 20041215 200548 E

Priority Applications (no., kind, date): US 2003735714 A 20031216

Patent Details
Number   Kind Lan Pg Dwg Filing Notes
US 20050129295 A1 EN   15   7
JP 2005193018   A   JA   17
Class Codes
...International Classification (Main): **G06K-009/00**

Original Publication Data by Authority

Original Abstracts:
The invention relates to a system and method for executing a scanning
procedure comprising the steps of generating CT **image** data **for a
scan , generating CT** attenuation **correction** data **for the scan ,**
acquiring a current **frame** of **PET** data for the scan in a 3D **format ,**
and simultaneously conducting the following steps: reconstructing at least
a **portion** of a PET **image** for the current frame, including the step of
overlapping a portion of the current frame...

20/3,K/2   **(Item 2 from file: 350)**
DIALOG(R)File 350:Derwent WPIX
(c) 2007 The Thomson Corporation. All rts. reserv.

0010958383 - Drawing available
WPI ACC NO: 2001-581571/200165
XRPX Acc No: N2001-433266
Automated detection of lung nodules in computer tomography image scans

involves determining three-dimensional lung nodule candidates from three-dimensional segmented lung volume images
Patent Assignee: ARCH DEV CORP (ARCH-N); UNIV CHICAGO (UYCH-N)
Inventor: ARMATO S G; GIGER M L; MACMAHON H
Patent Family (7 patents, 93 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
WO 2001054065	A1	20010726	WO 2001US1478	A	20010118	200165	B
AU 200129540	A	20010731	AU 200129540	A	20010118	200171	E
US 20020006216	A1	20020117	US 2000176304	P	20000118	200212	E
			US 2001759333	A	20010116		
EP 1249006	A1	20021016	EP 2001942767	A	20010118	200276	E
			WO 2001US1478	A	20010118		
CN 1395713	A	20030205	CN 2001803856	A	20010118	200334	E
JP 2003524489	W	20030819	JP 2001554287	A	20010118	200356	E
			WO 2001US1478	A	20010118		
US 6898303	B2	20050524	US 2000176304	P	20000118	200535	E
			US 2001759333	A	20010116		

Priority Applications (no., kind, date): US 2001759333 A 20010116; US 2000176304 P 20000118

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2001054065	A1	EN	57	15	

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY
  BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN
  IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
  PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH
  GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200129540	A	EN	Based on OPI patent WO 2001054065
US 20020006216	A1	EN	Related to Provisional US 2000176304
EP 1249006	A1	EN	PCT Application WO 2001US1478
			Based on OPI patent WO 2001054065

Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR
  IE IT LI LT LU LV MC MK NL PT RO SE SI TR

JP 2003524489	W	JA	68	PCT Application WO 2001US1478
				Based on OPI patent WO 2001054065
US 6898303	B2	EN		Related to Provisional US 2000176304

Class Codes
...International Classification (Main): **G06K-009/00**
(Additional/Secondary): **G06K-009/34** ...

... **G06K-009/38**

Original Publication Data by Authority

Original Abstracts:
A method, system and computer readable medium for automated detection of lung nodules in **computed** tomography (CT) image scans, including generating two-dimensional segmented lung images by segmenting a plurality of two-dimensional CT image sections derived from **the CT** image **scans**; **generating three - dimensional segmented lung** volume **images** by

combining the **two** -dimensional **segmented** lung **images** ; determining three-dimensional lung nodule candidates from the three-dimensional segmented lung volume images, including...

...A method, system and computer readable medium for automated detection of lung nodules in **computed** tomography (CT) image scans, including generating two-dimensional segmented lung images by segmenting a plurality of two-dimensional CT image sections derived from the CT **image scans** ; **generating three** -dimensional segmented lung volume **images by combining the** two-dimensional segmented lung **images** ; **determining** three- **dimensional** lung nodule candidates from the three-dimensional segmented lung volume images, including, identifying structures within...

...A method, system and computer readable medium for automated detection of lung nodules in **computed** tomography (CT) image scans, including generating two-dimensional segmented lung images by segmenting a plurality of two- **dimensional CT** image sections derived from the **CT image scans** ; **generating** three-dimensional segmented lung volume **images by** combining the two- **dimensional segmented lung images** ; determining three-dimensional lung nodule **candidates** from **the** three-dimensional segmented lung volume images, including, identifying structures within the three-dimensional segmented lung...

...A method, system and computer readable medium for automated detection of lung nodules in **computed** tomography (CT) image scans, including generating two-dimensional segmented lung images by segmenting a plurality of two-dimensional **CT image sections** derived **from** the **CT** image **scans** ; generating three-dimensional segmented lung volume **images by combining** the two- **dimensional** segmented lung images; determining **three** **- dimensional lung nodule** candidates from the three-dimensional **segmented lung volume images** , including, identifying structures within the three-dimensional segmented lung volume images that meet a volume...

Claims:
...of the United States is:1. A method for automated detection of lung nodules in **computed** tomography (CT) image scans, comprising:generating two-dimensional segmented lung images by segmenting a plurality of two-dimensional CT **image** sections derived from said **CT image scans** ; **generating** three- **dimensional segmented** lung volume **images by combining said two** -dimensional segmented **lung images** ;determining three-dimensional lung **nodule** candidates **from** said three-dimensional segmented lung volume images, including, identifying structures within said three-dimensional segmented...

...1. A method for automated detection of lung nodules in **computed tomography (CT) image scans** , comprising: **generating two -** **dimensional** segmented lung images by segmenting a plurality of two-dimensional CT image sections derived from said **CT image scans** ; **generating three** -dimensional segmented lung **volume images by combining** said **two** -dimensional segmented lung images;determining three-dimensional lung nodule candidates from said three- **dimensional segmented lung** volume **images , including , identifying structures** within said three- **dimensional** segmented **lung** volume **images** that meet a volume criterion;deriving features from said lung nodule candidates; anddetecting lung...

?

0015126657 - Drawing available
WPI ACC NO: 2005-476189/200548
XRPX Acc No: N2005-387447
**Scanning procedure executing method for use in e.g. hospital, involves
reconstructing portion of position emission tomography image for current
frame by overlapping portion of frame with adjacent frame**
Patent Assignee: GE MEDICAL SYSTEMS GLOBAL TECHNOLOGY CO (GENE)
Inventor: **BONNER M G** ; **HUSSAINI M M** ; **SHANMUGAM V** ; **WOLLENWEBER S D**
Patent Family (2 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 20050129295	A1	20050616	US 2003735714	A	20031216	200548	B
JP 2005193018	A	20050721	JP 2004363173	A	20041215	200548	E

Priority Applications (no., kind, date): US 2003735714 A 20031216

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20050129295	A1	EN	15	7	
JP 2005193018	A	JA	17		

Inventor: **BONNER M G** ...

... **HUSSAINI M M** ...

... **SHANMUGAM V** ...

... **WOLLENWEBER S D**

   Alerting Abstract ...NOVELTY - The method involves generating computed
tomography (CT) image data for a **scan** , and generating **CT** attenuation
correction data for the scan. A current frame of a positron emission
tomography (**PET**) data for the **scan** is acquired in 3D format. A portion
of a PET image for a current frame...
DESCRIPTION - An INDEPENDENT CLAIM is also included for a positron emission
tomography- **computed tomography** system implementing a **scanning**
procedure executing method...

Class Codes
...International Classification (Main): **G06K-009/00**

Original Publication Data by Authority

Inventor name & address:
 Shanmugam, Venkatesan ...

... **Hussaini, Mohammed Moin** ...

... **Wollenweber, Scott David** ...

... **Bonner, Michael George**
Original Abstracts:

The invention relates to a system and method for executing a scanning procedure comprising the **steps** of generating **CT** image data for **a scan**, generating **CT** attenuation **correction** data **for** the **scan**, acquiring a current **frame** of **PET** data for the **scan** in a 3D **format**, and simultaneously conducting the following steps: reconstructing at least a portion of a PET image...

Claims:

1. A method for executing a scanning procedure comprising the **steps** of:(a) generating **CT** image data for a **scan** ;(**b**) generating **CT** attenuation correction **data** for the **scan** ;(c) **acquiring** a current frame of **PET data** for the **scan** in a 3D format; and(**d**) simultaneously conducting the **following** steps:reconstructing at least a portion of a PET image for the current frame, including...

? ds

29/3,K/1   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2007 The Thomson Corporation. All rts. reserv.

0015126657 - Drawing available
WPI ACC NO: 2005-476189/200548
XRPX Acc No: N2005-387447
Scanning procedure executing method for use in e.g. hospital, involves reconstructing portion of position emission tomography image for current frame by overlapping portion of frame with adjacent frame
Patent Assignee: GE MEDICAL SYSTEMS GLOBAL TECHNOLOGY CO (GENE)
Inventor: BONNER M G; HUSSAINI M M; SHANMUGAM V; WOLLENWEBER S D
Patent Family (2 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 20050129295	A1	20050616	US 2003735714	A	20031216	200548	B
JP 2005193018	A	20050721	JP 2004363173	A	20041215	200548	E

Priority Applications (no., kind, date): US 2003735714 A 20031216

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20050129295	A1	EN	15	7	
JP 2005193018	A	JA	17		

  Alerting Abstract ...ADVANTAGE - The method provides high quality **images** showing both the **structural** and functional features of a patient being imaged, thus providing increased throughput and enhanced efficiency...

Original Publication Data by Authority

Original Abstracts:
The invention relates to a system and method for executing a scanning procedure comprising the **steps** of generating CT **image** data **for a scan**, **generating CT** attenuation **correction** data **for** the **scan**, acquiring a current **frame** of **PET** data for the **scan** in a 3D **format**,

and simultaneously conducting the following steps: reconstructing at least a **portion** of a PET **image** for the current frame, including the step of overlapping a portion of the current frame...

29/3,K/2   (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2007 WIPO/Thomson. All rts. reserv.

01332872   **Image available**
METHODS OF AFFECTING HYPOTHALAMIC-RELATED CONDITIONS
PROCEDES DESTINES A MODIFIER DES ETATS ASSOCIES A L'HYPOTHALAMUS
Patent Applicant/Assignee:
  THE CLEVELAND CLINIC FOUNDATION, 9500 Euclid Avenue, Cleveland, OH 44195,
    US, US (Residence), US (Nationality), (For all designated states
    except: US)
Patent Applicant/Inventor:
  REZAI Ali, 28 Haskell Drive, Bratenhal, OH 44108, US, US (Residence), US
    (Nationality), (Designated only for: US)
Legal Representative:
  ZEBA Ali (agent), Kenyon & Kenyon, 1500 K Street, N.W., Suite 700,
    Washington, DC 20005, US
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200615086 A2-A3 20060209 (WO 0615086)
  Application: WO 2005US26731 20050727 (PCT/WO US2005026731)
  Priority Application: US 2004900301 20040728
Designated States:
(All protection types applied unless otherwise stated - for applications
2004+)
  AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
  DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KP KR KZ
  LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM PG PH PL
  PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU
  ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL
  PL PT RO SE SI SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English

Filing Language: English
Fulltext Word Count: 11425

Fulltext Availability:
  Detailed Description

Detailed Description
... y, and z coordinates of the target site in a specific patient. For
  example, a **CT scan** , an AM **scan** , and computerized standard brain
  atlas can be used to **create** a **3 - dimensional image** of a patient's
  brain and within that image the x, y, and z, coordinates...marker with
  the second image of the fiducial marker. Useful medical imaging
  techniques to obtain **functional images** include but are not limited to
  functional MRI, PET or MEG.

Useful medical imaging techniques to obtain **structural images** include
but are not limited to volunietric MRI, CT.

[0038] Subsequent to the stereotactic CT...

29/3,K/3   (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2007 WIPO/Thomson. All rts. reserv.

01038054   **Image available**
METHODS OF AFFECTING HYPOTHALAMIC-RELATED CONDITIONS
PROCEDES SERVANT A MODIFIER DES ETATS ASSOCIES A L'HYPOTHALAMUS
Patent Applicant/Assignee:
  THE CLEVELAND CLINIC FOUNDATION, 9500 Euclid Avenue, Cleveland, OH 44195,
    US, US (Residence), US (Nationality), (For all designated states
    except: US)
Patent Applicant/Inventor:
  REZAI Ali, 28 Haskell Drive, Bratenhal, OH 44108, US, US (Residence), US
    (Nationality), (Designated only for: US)
Legal Representative:
  ALI Zeba (agent), Kenyon & Kenyon, 1500 K Street, N.W., Washington, DC
    20005-1257, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200366155 A2-A3 20030814 (WO 0366155)
  Application: WO 2003US2847 20030131 (PCT/WO US03002847)
  Priority Application: US 2002353697 20020201
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
  EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG
  SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI
  SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 9750

Fulltext Availability:
  Detailed Description

Detailed Description
... y, and z coordinates of the target site in a specific patient. For
example, a **CT scan**, an MRI **scan**, and computerized standard brain
atlas can be used to **create** a **3 - dimensional image** of a patient's
brain and within that image the x, y, and z, coordinates...marker with
the second image of the fiducial marker. Usefal medical imaging
techniques to obtain **functional images** include but are not 1 0
limited to fanctional MRI, PET or MEG. Useful medical imaging techniques
to obtain **structural images** include but are not limited to volumetric
MRI, CT.

Subsequent to the stereotactic CT/MRI...

29/3,K/4 **(Item 3 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
(c) 2007 WIPO/Thomson. All rts. reserv.

01038053 **Image available**
MODULATION OF THE PAIN CIRCUITRY TO AFFECT CHRONIC PAIN
SOULAGEMENT DE LA DOULEUR CHRONIQUE PAR MODULATION DES CIRCUITS DE LA
   DOULEUR
Patent Applicant/Assignee:
  THE CLEVELAND CLINIC FOUNDATION, 9500 Euclid Avenue, Cleveland, OH 44195,
    US, US (Residence), US (Nationality), (For all designated states
    except: US)
Patent Applicant/Inventor:
  REZAI Ali, 28 Haskell Drive, Bratenhal, OH 44108, US, US (Residence), US
    (Nationality), (Designated only for: US)
  SHARAN Ashwini, 11 Yearling Chase, Mt. Laurel, NJ 08054, US, US
    (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
  ALI Zeba (agent), Kenyon & Kenyon, 1500 K Street, N.W., Washington, DC
    20005-1257, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200366154 A2-A3 20030814 (WO 0366154)
  Application: WO 2003US2846 20030131 (PCT/WO US03002846)
  Priority Application: US 2002353697 20020201
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
  EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG
  SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI
  SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 7270

Fulltext Availability:
  Detailed Description

Detailed Description
  ... y, and z coordinates of the target site in a specific patient. For
  example, a **CT** **scan** , an MRI **scan** , and computerized standard brain
  atlas can be used to **create** a **3 - dimensional** **image** of a patient's
  brain and within that image the x, y, and z, coordinates...are not
  limited to functional MRI, PET or MEG. Useful medical imaging techniques
  to obtain **structural** **images** include but are not limited to volumetric
  MRI and CT.

Subsequent to the stereotactic imaging...
?

BUSINESS FILES

File 9:Business & Industry(R) Jul/1994-2007/Jul 10
      (c) 2007 The Gale Group
File 15:ABI/Inform(R) 1971-2007/Jul 16
      (c) 2007 ProQuest Info&Learning
File 16:Gale Group PROMT(R) 1990-2007/Jul 13
      (c) 2007 The Gale Group
File 20:Dialog Global Reporter 1997-2007/Jul 16
      (c) 2007 Dialog
File 47:Gale Group Magazine DB(TM) 1959-2007/Jul 03
      (c) 2007 The Gale group
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      (c) 2007 The Gale Group
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      (c) 2004 United Business Media
File 141:Readers Guide 1983-2007/Jun
      (c) 2007 The HW Wilson Co
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      (c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2007/Jul 11
      (c) 2007 The Gale Group
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      (c) 2007 Dialog
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      (c) 2007 ProQuest
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      (c) 2007 The HW Wilson Co
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      (c) 2007 The Gale Group
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      (c)2007 Knight Ridder/Tribune Bus News
File 620:EIU:Viewswire 2007/Jul 13
      (c) 2007 Economist Intelligence Unit
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      (c) 2007 PR Newswire Association Inc
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      (c) 2007 The Gale Group
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      (c) 2007 McGraw-Hill Co. Inc
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      (c) 2007 ProQuest Info&Learning
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      (c) 2007 The Gale Group

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    (c) 2007 CMP Media, LLC
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    (c) 2007 Dialog
File 674:Computer News Fulltext 1989-2006/Sep W1
    (c) 2006 IDG Communications
File 810:Business Wire 1986-1999/Feb 28
    (c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
    (c) 1999 PR Newswire Association Inc

Set   Items   Description
S1   32694   (PET OR POSITRON()EMISSION()TOMOGRAPH? OR CT OR COMPUTED()-
               TOMOGRAPH?)(3N)(SCAN OR SCANS OR SCANNING)
S2   10083391 IMAGE?? OR PICTURE? OR PHOTOGRAPH?? OR PHOTOS OR GRAPHIC?
S3   387682   S2(3N)(GENERATE?? OR GENERATING OR CREAT? OR RENDER OR PRO-
               DUCE OR PRODUCES OR PRODUCING)
S4   34105   S2(3N)(CONSTRUCT? OR RECONSTRUCT?)
S5   85322   S2(3N)(COMBINE?? OR COMBINATION OR COMBINING OR MERGE OR M-
               ERGING OR JOIN OR JOINS OR JOINING)
S6   426625   3()(D OR DIMENSIONAL) OR THREE()DIMENSIONAL?
S7   419   S1(3N)(S3:S5)
S8   155579   2()(D OR DIMENSIONAL) OR TWO()DIMENSIONAL?
S9   5449   (S7 OR S8)(3N)(GENERATE?? OR GENERATING OR CREAT? OR RENDER
               OR PRODUCE OR PRODUCES OR PRODUCING)
S10 3764792   SIMULTAN? OR SAME()TIME
S11   119546   COUPLING
S12   10948   (S10 OR S11)(3N)(COMBINE?? OR COMBINATION OR COMBINING OR -
               MERGE OR MERGING OR JOIN OR JOINS OR JOINING)
S13   826   (STRUCTURAL AND FUNCTIONAL)(3N)(IMAGE?? OR PICTURE? OR PHO-
               -TOGRAPH?? OR PHOTOS OR GRAPHIC?)
S14   646   AU=(SHANMUGAM, V? OR SHANMUGAM V? OR HUSSAINI, M? OR HUSSA-
               INI M? OR WOLLENWEBER, S? OR WOLLENWEBER S? OR BONNER, M? OR -
               BONNER M? OR VENKATESAN(2N)SHANMUGAM OR MOHAMMED(2N)HUSSAINI -
               OR SCOTT(2N)WOLLENWEBER OR MICHAEL(2N)BONNER)
S15   306   S7(3N)S9
S16   0   S15(3N)S11
S17   0   S15(3N)S12
S18   4   S1(3N)S13
S19   2   RD (unique items)
S20   0   S14(3N)S1
?

Bad date

19/3,K/1   (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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02990431 943403731
Transforming the Health System from the Inside Out
Sachs, Michael A
Frontiers of Health Services Management v22n2 PP: 3-12 2005
ISSN: 0748-8157 JRNL CODE: FHS
WORD COUNT: 3090

...TEXT: already begun.

Hybrid PET/CT imaging systems, for example, first introduced in 2000, allow
for **functional images** from a **positron emission tomography (PET)**
scan to be fused with diagnostic computed tomography (CT) images. The sum
of the two images...

19/3,K/2   (Item 1 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2007 The Gale group. All rts. reserv.

05175234   SUPPLIER NUMBER: 20851920   (USE FORMAT 7 OR 9 FOR FULL TEXT)
The functional architecture of the brain.
Frackowiak, Richard S.J.
Daedalus, v127, n2, p105(26)
Spring, 1998
ISSN: 0011-5266   LANGUAGE: English   RECORD TYPE: Fulltext; Abstract
WORD COUNT: 9674   LINE COUNT: 00791

...   capitalizing on the differential ability of such tissues to
attenuate X rays directed through them. **CT scanning** generates
structural images , but the contrast between gray and white matter
(containing, respectively, the neurons and the connections...
?

EAST Search History

S71	2	("5224037").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/12 14:29
S72	30169	(dual or two) adj (memory or buffer of FIFO)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/12 14:30
S73	30169	(dual or two) adj1 (memory or buffer of FIFO)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/12 14:31
S74	41057	(dual or two) adj1 (memory or buffer or FIFO)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/12 14:31
S75	292	S74 and PET	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/12 14:31
S76	174	S75 and image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/12 15:22
S77	197	(378/176).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/12 15:25
S78	1	S77 and PET	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/12 15:25

S79	2	(recontruct$3 or contruct$3) with PET	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/12 15:31
S80	6352	(reconstruct$3 or construct$3) with PET	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/12 15:31
S81	61219	("382").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/12 15:32
S82	77	S80 and S81	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/07/12 15:32
S83	0	simultaneous$3 with recontruct$3 same acquir$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/12 16:21
S84	222	simultaneous$3 with reconstruct$3 same acquir$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/12 16:22